

Magnetic resonance imaging apparatus having a pair of a first magnet device and a second magnet device for generating a magnetostatic field, the pair of magnet devices being installed opposite each other across an examination space for accommodating an examinee; a gradient-field generating device; a high-frequency field generating device; and a yoke for combining the first and second magnetic devices to guide magnetic fluxes generated by the first and second magnetic devices to thereby form a closed magnetic circuit, wherein the yoke includes a first plate member fixed to a first magnet device, a second plate member fixed to a second magnet device and one or more support-post members interconnecting the first plate member and the second plate member, each of the first and second plate members and support-post members includes a plurality of segments formed in a predetermined shape.